



		NTSB ID: DEN02LA040		Aircraft Registration Number: N787PC	
		Occurrence Date: 04/28/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Kersey	State CO	Zip Code 80644	Local Time 1630	Time Zone MDT	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Cessna		Model/Series TR182		Type of Aircraft Airplane	
Sightseeing Flight:			Air Medical Transport Flight:		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On April 28, 2002, at approximately 1630 mountain daylight time, a Cessna TR182, N787PC, was substantially damaged during a gear up forced landing on a highway near Kersey, Colorado. The instrument rated private pilot and his two passengers were not injured. Air West Flight Center, Inc., of Longmont, Colorado, was operating the airplane under Title 14 CFR Part 91. Visual meteorological conditions prevailed for the personal cross-country flight that originated from Hastings, Nebraska, approximately 2.5 hours before the accident. The pilot had not filed a flight plan.</p> <p>The pilot said that he flew direct from Longmont, Colorado to Ankeny, Iowa (533 nautical miles), and put 49.2 gallons of fuel in the airplane. On the return flight, he stopped at Hastings, Nebraska for food and a rest stop. He did not put additional fuel in the airplane during the rest stop. He departed for Longmont, Colorado, and experienced a power failure approximately 2.5 hours later; the pilot performed a forced landing to a highway. During the landing sequence, the pilot "extended the landing gear at the last second," and it failed to fully extend. The front door post bulk head was bent and the bottom of the airplane was badly damaged.</p> <p>The pilot said that the airplane held 92 gallons of fuel (88 gallons usable), but they customarily fueled it to the bottom of the fuel necks, which was approximately 65 gallons usable. A representative of the airplane's manufacturer said that the airplane burned approximately 14 to 15 gallons per hour in cruise flight, with 8 gallons being used for the two takeoffs and climbs to cruise altitude. The pilot also said the wind was strong from the west (maybe 30 knots), for the flight to Ankeny, and the return flight to Longmont.</p>					
FACTUAL REPORT - AVIATION					

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Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type: Unknown					
Runway Surface Condition: Unknown					
Type Instrument Approach: Unknown					
VFR Approach/Landing: Forced Landing					
Aircraft Information					
Aircraft Manufacturer Cessna		Model/Series TR182		Serial Number R18200867	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 4	Certified Max Gross Wt.	3100 LBS	Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Lycoming	Model/Series: O-540-J3C5D	Rated Power: 235 HP		
- Aircraft Inspection Information					
Type of Last Inspection Unknown	Date of Last Inspection	Time Since Last Inspection Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner Air West Flight Center Inc.		Street Address 10393 N. 85TH St.			
		City Longmont	State CO	Zip Code 80503	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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		Occurrence Date: 04/28/2002							
		Occurrence Type: Accident							
First Pilot Information									
Name		City		State	Date of Birth	Age			
On File		On File		On File	On File	21			
Sex: M	Seat Occupied: Left	Principal Profession: Unknown			Certificate Number: On File				
Certificate(s): Private									
Airplane Rating(s): Single-engine Land									
Rotorcraft/Glider/LTA: None									
Instrument Rating(s): Airplane									
Instructor Rating(s): None									
Type Rating/Endorsement for Accident/Incident Aircraft? No				Current Biennial Flight Review? 01/2001					
Medical Cert.: Class 1		Medical Cert. Status: None			Date of Last Medical Exam: 02/2001				
- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time	230	21	230		30	31			
Pilot In Command(PIC)	178	20	178		23	31			
Instructor									
Last 90 Days	18	9	18		1				
Last 30 Days	10	8	10		1				
Last 24 Hours	4	4	4						
Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed? No		Second Pilot?		
Flight Plan/Itinerary									
Type of Flight Plan Filed: Unknown									
Departure Point	State				Airport Identifier	Departure Time	Time Zone		
Hastings	NE				HSI	1500	MDT		
Destination	State				Airport Identifier				
Longmont	CO				2V2				
Type of Clearance: None									
Type of Airspace: Class G									
Weather Information									
Source of Briefing: Unknown									
Method of Briefing: Unknown									

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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
GXY	1635	MDT	4697 Ft. MSL	12 NM	310 Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 29.96 "Hg
Temperature: 22 °C		Dew Point: -3 °C	Wind Direction: 300		Density Altitude: Ft.
Wind Speed: 18		Gusts: 26	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.		Visibility (RVV) SM	Intensity of Precipitation:		
Restrictions to Visibility: None					
Type of Precipitation: None					
Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				2	2
- TOTAL ABOARD -				3	3
Other Ground					
- GRAND TOTAL -				3	3
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Administrative Information		
Investigator-In-Charge (IIC) James F. Struhsaker		
Additional Persons Participating in This Accident/Incident Investigation: Larry Rockhold Federal Aviation Administration Denver, CO 80249		
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